

Abstract of the disclosure:

A first cylindrical part in which axial part passages for supplying a fluid to or discharging a fluid from a fluid pressure chamber are formed is provided in a rotor and, at the same time, a second cylindrical member in which cover passages communicating with axial part passages and a fluid supplying and discharging means are formed is provided. The first cylindrical part is overlaid on an inner side relative to the second cylindrical member in a radial direction and is constructed of an aluminium alloy, a sealing groove for accommodating a sealing member for tight sealing between a first cylindrical part and a second cylindrical member with an outer peripheral surface and a side surface thereof is provided, and a friction A between a side of a sealing member and a sealing groove is set to be greater than a friction B between an outer peripheral side of the sealing member and an inner peripheral side of the second cylindrical member.